

*SubDD* Please amend claim 1 as follows:

1. (amended) A recombinant adenovirus that mediates enhanced gene transfer to primary tumor cells, wherein said adenovirus comprises a fiber gene modified by introducing a ligand comprising a tripeptide having the sequence Arg-Gly-Asp (RGD) into the HI loop domain of the fiber knob.

*SubDD* Please amend claim 16 as follows:

16. (amended) A method of increasing the ability of an adenovirus to transduce primary tumor cells, comprising the steps of: modifying the fiber gene of said adenovirus by introducing a ligand comprising a tripeptide having the sequence Arg-Gly-Asp (RGD) into the HI loop domain of the fiber knob; and transducing said primary tumor cells with said adenovirus, wherein said transduction results in enhanced gene transfer to said tumor cells.